5G Technology and Applications to Smart Cities

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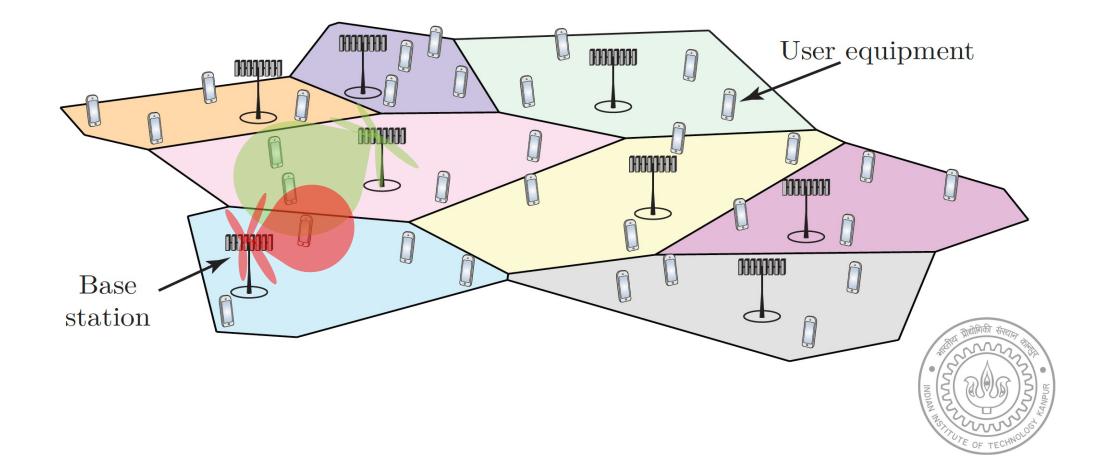


eMBB High data rates, high traffic volumes

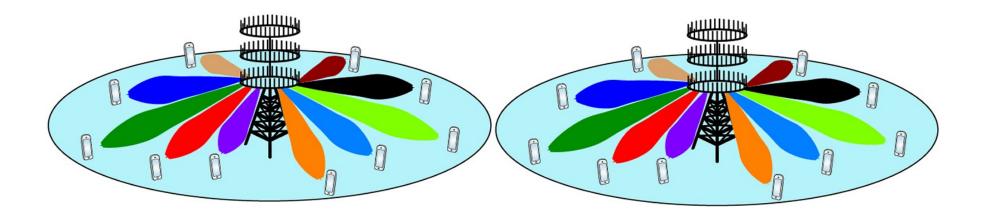




Cellular system layout



Massive antennas at BS - extra Mobile Broad Band



- Large number of antennas help in forming pointed beams towards the users
 - Reduces inter-cell interference



Massive Machine Type Communication (mMTC)

